

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. <b>P00057</b>		3. EFFECTIVE DATE <b>25 Feb 02</b>		4. REQUISITION/PURCHASE REQ. NO. <b>SEE SCHEDULE</b>		5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY CODE <b>45<sup>TH</sup> CONTRACTING SQUADRON 1201 EDWARD H. WHITE ST, BLDG 423 PATRICK AFB, FL 32926-3238</b>		7. ADMINISTERED BY (If other than Item 6) CODE					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  <b>Computer Sciences Raytheon P.O. Box 4127 Patrick AFB FL 32925-4127</b>				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. <b>F08650-00-C-0005</b>	
CODE 0DN90 1L FACILITY CODE						10B. DATED (SEE ITEM 13) <b>3 Feb 00</b>	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended, <input type="checkbox"/> is not extended.							
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or © By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
NO CHANGE							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <b>MUTUAL AGREEMENT OF THE PARTIES</b>							
D. OTHER (Specify type of modification and authority)							

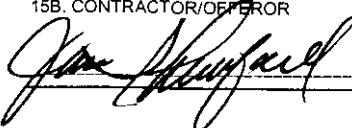
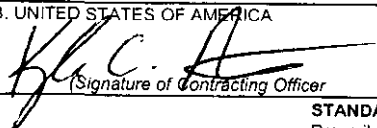
**E. IMPORTANT:** Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

POC: Don Graham  
PHONE: 321-494-3934  
E-MAIL: Don.Graham@patrick.af.mil

SEE PAGE TWO

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <b>James D. Shackelford, Contracts Manager</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>KYLE C. ROBERTS Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED <b>2/26/02</b>	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED <b>26 FEB 02</b>

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

STANDARD FORM 30(continued)

A. The purpose of this bilateral modification is to incorporate Contract Change Proposal 02-123, Metric Optics Support for Space Shuttle Launches at no additional cost to the contract. The contractor's proposal dated 12 Feb 02 is hereby incorporated by reference.

**All changes are denoted by a vertical line in the right margin.**

B. Section J:

Add the following to SOW Paragraph: 1.7.9.2; **Operate the PIGOR and Cocoa Beach DOAMS during Space Shuttle launches.**

Attach 1-Page 15 is superseded and hereby replaced with Attach 1-Page 15 marked "Modification P00057".

C. All other contract terms and conditions remain unchanged.

D. Release of Claims: In consideration of the modification agreed herein as complete and equitable adjustment for CCP 02-123 dated 12 Feb 02, the contractor releases the government from any and all liability under this contract for further equitable adjustment attributable to such facts or circumstances giving rise to the reference proposal.

//////////////////////////////////LAST ITEM//////////////////////////////////

1.7.9.2 Metric Optics Tracking and Imaging Systems. Operate and maintain ER metric optics systems for real-time precision azimuth and elevation data and for film and video data recording to meet Range Safety and Range user requirements (see section 5.5.1.2]. **Operate the PIGOR and Cocoa Beach DOAMS during Space Shuttle launches.**

1.7.9.2.1 RESERVED

1.7.9.2.2 Perform occasional travel and deployments within and outside CONUS.

1.7.9.2.3 Coordinate launch mission activities with the VITC contractor and customers. Perform camera control and timing through the KSC Integrated Control Schedule and IAW Operations Maintenance Instructions.

1.7.9.2.4 Provide collection, transmission, processing, display, and delivery of data per Range and customer requirements for editing, dubbing, distribution, and archival retention. Turn over all film and video originals of launch and landing operations to the VITC Contractor.

1.7.9.3 Telemetry Systems. Operate and maintain ER telemetry systems to receive, process, and record real-time telemetry data transmitted from launch vehicles and spacecraft. Receive real-time data, and strip selected launch vehicle and spacecraft performance parameters for immediate processing and display for Range Safety and Range users. Record all data for archival purposes (see section 5.5.1.3). [CDRL A225]

1.7.9.3.1 Operate and maintain the CTPS and other telemetry systems in support of ER launch and mission activities.

1.7.9.3.2 Maintain the PATS at Ascension AAF. Set up the PATS, perform system checkout, and track missions for the US Navy as scheduled.

1.7.9.3.3 Establish ARIA data transmission links to ensure proper data flow before each assigned mission.

1.7.9.3.4 Maintain a master data file to retain telemetry data products for a minimum of 120 days after the data was recorded and provided to Range users.

1.7.9.3.5 Evaluate data from Range telemetry sites to ensure quality data products are provided to Range users, including support to daily operations and test activities and analysis for erroneous or unknown data points.

1.7.9.4 Fleet Ballistic Missile Support. Operate and maintain the following instrumentation system in support of ER Trident missile operations to include pre-launch rehearsals, simulations, and launch support (see section 5.5.1.4).

1.7.9.4.1 Operate and maintain the Translated GPS Range System (TGRS). TGRS shall receive and process real-time GPS satellite and missile translated downlink data for up to four missiles and output missile state vector information for real time use by Range Safety and Range users, as well as record data for post-flight processing and analysis.

1.7.9.4.2 Operate and maintain the M365 system and associated equipment.

1.7.9.4.3 Provide logistics support for M365 and associated equipment through direct requisitioning from NOTU at CCAFS. Process failed repairable assets for shipment to the NOTU. Manage spares as required to maintain equipment and mission availability.

1.7.9.4.4 Maintain the Readiness Spares Kit (RSK) provided by the Navy for M365.

1.7.9.4.5 Maintain Navy provided RSK.

1.7.9.5 Command/Control Systems. Operate and maintain the ER command/control system to transmit properly coded tone commands to launch vehicles. Radiated radio frequency energy must be adequate to maintain incident power level at the missile 12dB above the onboard receiver capture threshold throughout powered flight (see section 5.5.1.5).

1.7.9.5.1 Operate and maintain open-loop verification test sets.

1.7.9.5.2 Validate system configuration for launch support and maintain system integrity throughout the launch support period.

1.7.9.5.3 Monitor and record data for all parameters of system status and antenna positions at each command transmitter location for post-operation system analysis.